



# Glycine (*Neonotonia wightii*) for livestock feed on small-scale farms

## Objective

To provide high quality forage for livestock feed in semi-arid, subhumid tropical and subtropical areas

## Description

- Herbaceous perennial with strong tap root, trailing, climbing and twining stems and small white to mauve-blue flowers
- Reasonably drought-tolerant
- Palatable, persistent and combines well with grasses
- Restores soil fertility and good for fallows
- Use for cut and carry, hay or silage

## Limits of use

- Slow establishment
- Susceptible to frost
- Not adapted to very acidic soils or waterlogging
- Cannot withstand continuous intensive grazing

## Management

**Field preparation**—well prepared seedbed

**Establishment**—sow at 4 kg/ha and at 1–2 cm depth in rows 50 cm apart or broadcast

**Fertilizer**—may not be required on fertile soils. Apply 100 kg DAP per hectare per annum on poor soils. It needs molybdenum for a productive stand

**Weeding**—slow early growth makes weeding essential in establishment stage four weeks after sowing

**Harvesting**—harvested by cutting at 20 cm height 7–8 weeks after planting

## Performance

Expect about 3–8 t/ha dry matter with a protein content of about 20%

This information leaflet on livestock feeds and feeding technologies for small-scale farmers is developed through collaboration between ILRI and its partners.

## For further information, contact

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